



TECUMSEH HERMETIC CONDENSING UNITS

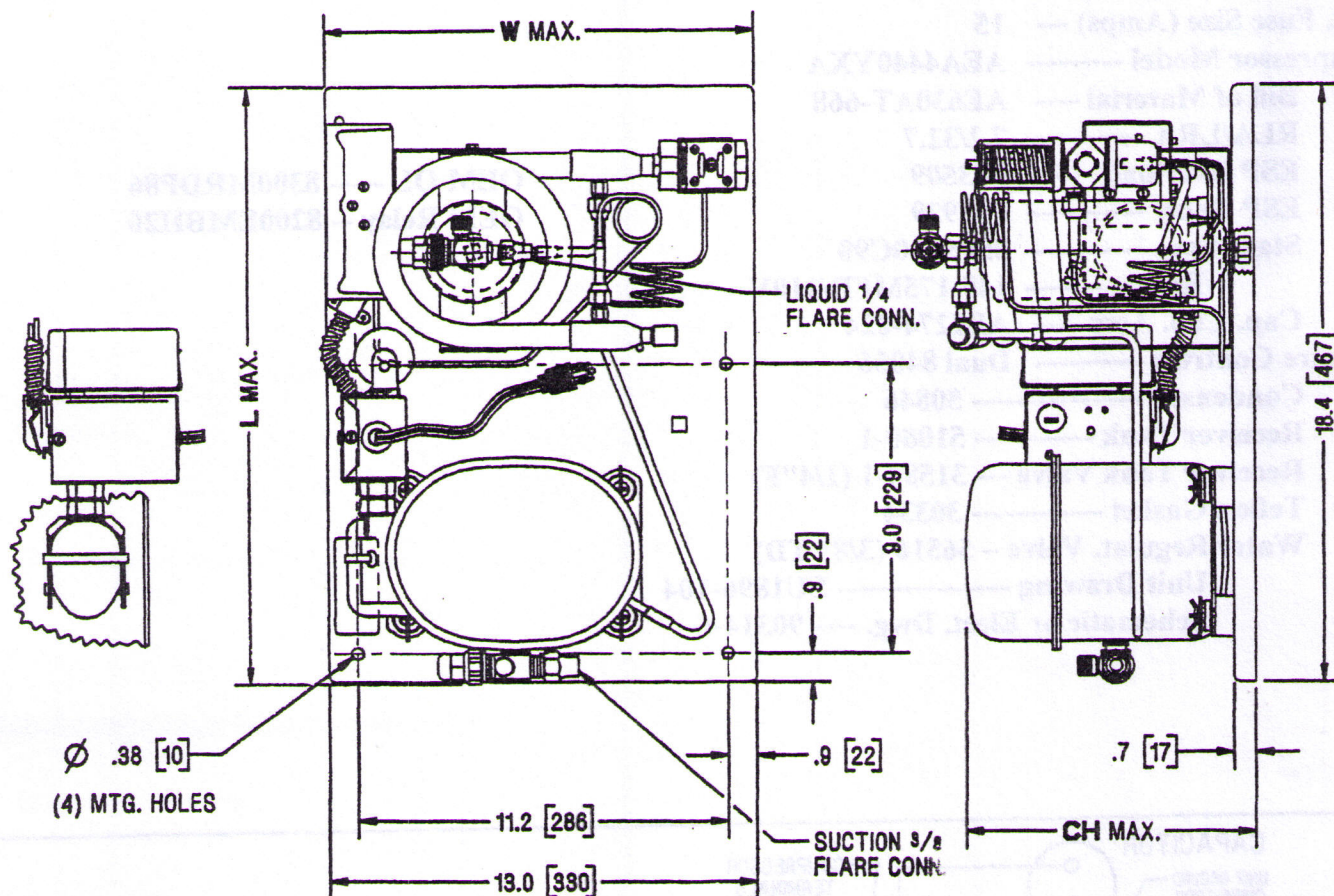
MODEL AEA4440YXAXW

(B/M 2C391-1)

R-134A

1/3 HP

WATER COOLED



NOTE DIMENSIONS = INCHES (MILLIMETERS)

Model	Dimensions				*Line Connection		Pumpdown 90° F 90% Full	POE		
	L	W	H	CH	Suct.	Liq.		Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
AEA4440YXAXW	18.4	13.0	10.5	8.8	3/8 F	1/4F	2.8#	---	10	45

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare
Or Solder Connections

Use 3/8" Min Pipe Size

Factory charge: 20 psig nitrogen - MUST BE EVACUATED

Water Valve Inlet 3/8" NPT

Performance: Ambient 90° F-Return Gas 65° F-Condenser Water In 75° F-Head 125 psig

Evaporator Temp, °F	+20	+30	+40	+45	+50
BTU/HR	2500	3200	4100	4600	5200
Water Usage - gpm	.28	.35	.46	.53	.60
Watts	435	470	520	550	580

The water valve should be adjusted to maintain a maximum of 95° F water outlet temperature in order to minimize water scaling within the condenser.

SPECIFICATIONS **AEA4440YXAXW**

Nominal Voltage ----- 115/60/1

Unit B/M ----- 2C391-1

Voltage Range ----- 126.5 to 103.5

Min. Circuit Ampacity --- 9.0

Max. Fuse Size (Amps) --- 15

Compressor Model ----- AEA4440YXA

Bill of Material ---- AE630AT-668

RLA/LRA ----- 7.2/32.7

ESP Overload ----- P83509

ESP Relay ----- P82929

Start Cap ----- 85PS110C90

Rating ----- 145-175MFD/110V

Cap. Cab. Assy ---- AE1274-024

Pressure Controls ----- Dual 84056

Condenser ----- 50846

Receiver Tank ----- 51080-1

Receiver Tank Valve --- 31584-1 (1/4"F)

Teflon Gasket ----- 30334

Water Regulat. Valve - 56516 (3/8" TD)

Unit Drawing ----- SU1896-104

Schematic or Elect. Dwg. ---- 90314-6

OEM OL ---- 8300MRDP86

OEM Relay -- 8200EMBH20

